

**CLAIMS**

1           A method for recording at least one data block on a disc-shaped record carrier, said method comprises the steps of:

- 5       -       moving a write head towards a predetermined track comprising a first location (M) to which the at least one data block is planned to be written,
- determining a current location (I) of the write head on the track,
- determining a second location (J), which is the nearest available location on the track of the current location of the write head in the rotational sense of the record carrier,
- 10      -       writing said at least one data block to said second location.

2           A method as claimed in claim 1, wherein said record carrier includes a user area for storing the data blocks, a defect management area for storing data blocks corresponding to defective locations in the user area and a table area for storing a

15      correspondence between logical addresses of data blocks and their location in the defect management area, said method comprising the step of detecting on the record carrier a defective location to which a predetermined data block should have been written, the moving step being adapted to move the write head towards a predetermined track comprising a first location (M) within the defect management area to which the predetermined data block is

20      planned to be written, the method further comprising a step of updating the table area on the basis of the second location (J).

3           A method as claimed in claim 2, further comprising a step of modifying the defect management area in such a way that the second location belongs to the defect

25      management area.

4           A method as claimed in claim 1, wherein said record carrier includes a file management system, said method further comprising the step of updating the file management system on the basis of the second location.

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5           A method as claimed in claim 1, wherein said record carrier includes a user area for storing the data blocks and a table area for storing a correspondence between logical addresses of data blocks and their location in the user area, said method further comprising a step of updating the table area on the basis of the second location.

6           A device for recording data blocks on a disc-shaped record carrier, said device comprising:

- a head for writing at least one data block on said record carrier,
- 5    -       means for moving the write head towards a predetermined track comprising a first location (M) to which the at least one data block is planned to be written,
- means for determining a current location (I) of the write head when it is positioned on the predetermined track, and
- means for controlling the write head in such a way that the at least one data block is
- 10   written to a second location (J), which is the nearest available location on the track of the current location of the write head in the rotational sense of the record carrier.

7           A device as claimed in claim 6, wherein said record carrier includes a user area for storing the data blocks, a defect management area for storing data blocks

15   corresponding to defective locations in the user area and a table area for storing a correspondence between logical addresses of data blocks and their location in the defect management area, said device comprising means for detecting on the record carrier a defective location to which a predetermined data block should have been written, the moving means being adapted to move the write head towards a predetermined track comprising a first

20   location (M) within the defect management area to which the predetermined data block is planned to be written, said device further comprising means for updating the table area on the basis of the second location (J).

8           A device as claimed in claim 6, wherein said record carrier includes a file

25   management system, said device further comprising means for updating the file management system on the basis of the second location.

9           A device as claimed in claim 6, wherein said record carrier includes a user area for storing the data blocks and a table area for storing a correspondence between logical

30   addresses of data blocks and their location in the user area, said device further comprising means for updating the table area on the basis of the second location.

10           A computer program product comprising program instructions for  
implementing, when said program is executed by a processor, a method as claimed in claim  
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